CVE-2018-14641

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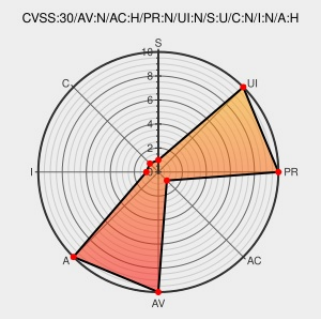

Certain versions of Linux Kernel from Linux contain the following vulnerability:

A security flaw was found in the ip_frag_reasm() function in net/ipv4/ip_fragment.c in the Linux kernel from 4.19-rc1 to 4.19-rc3 inclusive, which can cause a later system crash in ip_do_fragment(). With certain non-default, but non-rare, configuration of a victim host, an attacker can trigger this crash remotely, thus leading to a remote denial-of-service.

CVE-2018-14641 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **The Linux Foundation** - **kernel** version **from 4.19-rc1 to 4.19-rc3 inclusive**

CVSS3 Score: 5.9 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	HIGH	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 7.1 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link

1629636 – (CVE-2018-14641) CVE-2018-14641 kernel: a bug in ip_frag_reasm() can cause a crash in ip_do_fragment()	Issue Tracking Patch bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2018-14641
oss-sec: CVE-2018-14641: Linux kernel: a security flaw in the ip_frag_reasm()	Exploit Mailing List Patch Third Party Advisory seclists.org text/html	MLIST [oss-security] 20180918 CVE-2018-14641: Linux kernel: a security flaw in the ip_frag_reasm()
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	CONFIRM git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=5d407b071dc369c26a38398326ee2be53651cfe4
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2018:2948

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	4.19	rc1	All	All
Operating System	Linux	Linux Kernel	4.19	rc2	All	All
Operating System	Linux	Linux Kernel	4.19	rc3	All	All
Operating System	Linux	Linux Kernel	4.19	rc1	All	All
Operating System	Linux	Linux Kernel	4.19	rc2	All	All
Operating System	Linux	Linux Kernel	4.19	rc3	All	All

cpe:2.3:o:linux:linux_kernel:4.19:rc1:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:4.19:rc2:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:4.19:rc3:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:4.19:rc1:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:4.19:rc2:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:4.19:rc3:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report